

Figure 1

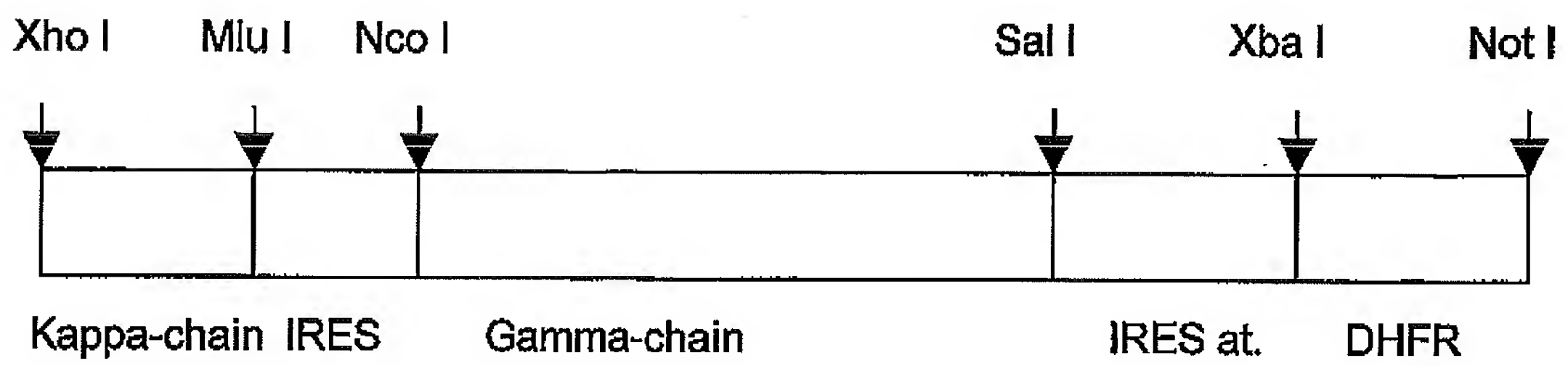


Figure 2

Xho I *KOZAK*

5'...ATA GGC TAG **C CTC GAG CCA CCA CCA TG** CAT CAG ACC AGC ATG GG
 CATCAAGATGGAATCACAGACTCTGGTCTTCATATCCATACTGCTCTGGTTATATG
 GAGCTGATGGGAACATTGTAATGACCCAATCTCCCAAATCCATGTCCATGTCAGTA
 GGAGAGAGGGTCACCTTGACCTGCAAGGCCAGTGAGAATGTGGTACTTATGTTT
 CNTGGTATCAACAGAAACCAGAGCAGTCTCCTAAACTGCTGATATATGGGGCATC
 CAACCGGTACACTGGGGTCCCNGATCGCTTCACAGGCAGTGGATCTGCAACAGA
 TTCACTCTGACCATCAGCAGTGTGCAGGCTGAAGACCTTGCAGATTATCACTGT
 GGACAGGGTTACAGCTATCCGTACACGTTCCGAGGGGGGACCAAGCTGGAAATA
 AACGGGCTGATGCTGCACCAACTGTATCCATCTTCCCACCATCCAGTGAGCAGT
 TAACATCTGGAGGTGCCTCAGTCGTGTGCTTCTTGAACAACTTCTACCCCCAAGA
 CATCAATGTCAAGTGGAAGATTGATGGCAGTGAACGACAAAATGGCGTCCTGAAC
 AGTTGGACTGATCAGGACAGCAAAGACAGCACCTACAGCATGAGCAGCACCTCA
 CGTTGACCAAGGACGAGTATGAACGACATAACAGCTATACCTGTGAGGCCACTCA
 CAAGACATCAACTTCACCCATTGTCAAGA

Mlu I *Bam HI*

GC TTC AAC AGG AAT GAG TGT TAG **ACG CGT GGA TCC** GCC CCT CTC CCT
 CCCCCCCCCCTAACGTTACTGGCCGAAGCCGCTTGGAATAAGGCCGGTGTGCGT
 TTGTCTATATGTGATTTTCCACCATATTGCCGTCTTTTGGCAATGTGAGGGCCCGG
 AACCTGGCCCTGTCTTCTTGACGAGCATTCTAGGGGTCTTTCCCCTCTCGCCA
 AAGGAATGCAAGGTCTGTTGAATGTCGTGAAGGAAGCAGTTCCTCTGGAAGCTTC
 TTGAAGACAAACAACGTCTGTAGCGACCCTTTGCAGGCAGCGGAACCCCCCACCT
 GGCGACAGGTGCCTCTGCGGCCAAAAGCCACGTGTATAAGATACACCTGCAAAG
 GCGGCACAACCCCAGTGCCACGTTGTGAGTTGGATAGTTGTGGAAAGAGTCAAAT
 GGCTCTCCTCAAGCGTATTCAACAAGGGGCTGAAGGATGCCCAGAAGGTACCCC

ATTGTATGGGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTC
GAGGTTAAAAAACGTCTAGGCCCCCGAACCACGGGGACGT

KOZAK Nco I

G GTT TTC CTT TGA AAA ACA CGA TGA TAA TAT GGC CAC CAC CAT GG
AATGGAGCAGAGTCTTTATCTTTCTCCTATCAGTAACTGCAGGTGTTCACTCCCAG
GTCCAGTTGCAGCAGTCTGGAGCTGAGCTGGTAAGGCCTGGGACTTCAGTGAAG
GTGTCCTGCAAGGCTTCTGGATACGCCTTCACTAATTACTTGATAGAGTGGGTAAA
GCAGAGGCCTGGACAGGGCCTTGAGTGGATTGGGGTGATTAATCCTGGAAGTGG
TGGTACTAACTACAATGAGAAGTTCAAGGGCAAGGCAACACTGACTGCAGACAAA
TCCTCCAGCACTGCCTACATGCAGCTCAGCAGCCTGACATCTGATGACTCTGCGG
TCTATTTCTGTGCAAGAGATGGTCCCTGGTTTGCTTACTGGGGCCAAGGGACTCT
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GTGTGTGGAGATACAACTGGCTCCTCGGTGACTCTAGGATGCCTGGTCAAGGGTT
ATTTCCCTGAGCCAGTGACCTTGACCTGGAACCTCTGGATCCCTGTCCAGTGGTGT
GCACACCTTCCCAGCTGTCCTGCAGTCTGACCTCTACACCCTCAGCAGCTCAGTG
ACTGTAACCTCGAGCACCTGGCCCAGCCAGTCCATCACCTGCAATGTGGCCCAC
CCGGCAAGCAGCACCAAGGTGGACAAGAAAATTGAGCCCAGAGGGGCCACAATC
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ATTACAACAGTACTCTCCGGGTGGTCAGTGCCCTCCCCATCCAGCACCAAGGACTG
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CATCGAGAGAACCATCTCAAACCCAAAGGGTCAGTAAGAGCTCCACAGGTATAT
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TGGTCACAGACTTCATGCCTGAAGACATTTACGTGGAGTGGACCAACAACGGGAA
AACAGAGCTAACTACAAGAACACTGAACCAGTCCTGGACTCTGATGGTTCTTACT

TCATGTACAGCAAGCTGAGAGTGGAAAAGAAGAACTGGGTGGAAAGAAATAGCTA
CTCCTGTTTCAGTGGTCCACGAGGGTCTGCACAATCACCACACGACTAAGAGCTTC
TC

SaI

C CGG ACT CCG GGT AAA TGA **GTC GAC**
ACGCGTCGAGCATGCATCTAGGGCGGCCAATTCCGCCCCTCTCCCTCCCCCCCC
CCTAACGTTACTGGCCGAAGCCGCTTGGAATAAGGCCGGTGTGCGTTTGTCTATA
TGTGATTTTCCACCATATTGCCGTCTTTTGGCAATGTGAGGGCCCGGAAACCTGG
CCCTGTCTTCTTGACGAGCATTCTAGGGGTCTTTCCCCTCTCGCCAAAGGAATG
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CTCAAGCGTATTCAACAAGGGGCTGAAGGATGCCCAGAAGGTACCCCATTTGTATG
GGATCTGATCTGGGGCCTCGGTGCACATGCTTTACATGTGTTTAGTCGAGGTTAA
AAAAAC

XbaI

GTCTAGGCCCCCGAACCACGGGGACGTGGTTTTCTTTGAAAAACACGATGATA
AGCTTGCCACAACCCGGGATCCT**CTAGA**
CCACCATGGTTCGACCATTGAACTGCATCGTCGCCGTGTCCCAAGATATGGGGAT
TGGCAAGAACGGAGACCTACCCTGGCCTCCGCTCAGGAACGAGTTCAAGTACTT
CCAAAGAATGACCACAACCTCTTCAGTGGAAGGTAAACAGAATCTGGTGATTATG
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GCCAAAAGTTTGGATGATGCCTTAAGACTTATTGAACAACCGGAATTGGCAAGTAA
AGTAGACATGGTTTGGATAGTCGGAGGCAGTTCTGTTTACCAGGAAGCCATGAAT
CAACCAGGCCACCTCAGACTCTTTGTGACAAGGATCATGCAGGAATTTGAAAGTG

5/9

ACACGTTTTTCCCAGAAATTGATTTGGGGAAATATAAACTTCTCCCAGAATACCCA
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Not I

CTACGAGAAGAAAGACTAAGCGGCCGC...3' (SEQ ID No1)

Figure 3

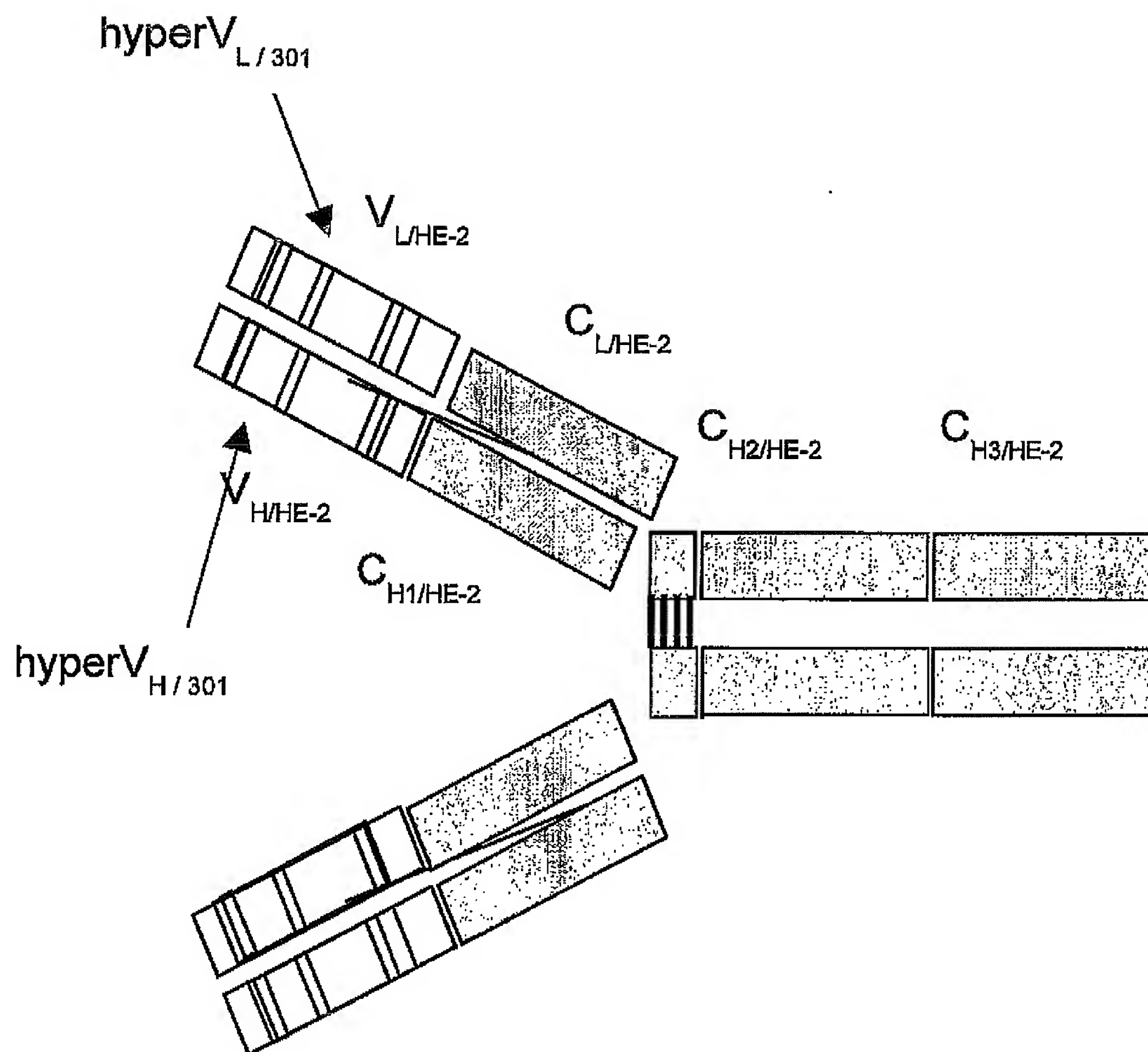


Figure 4

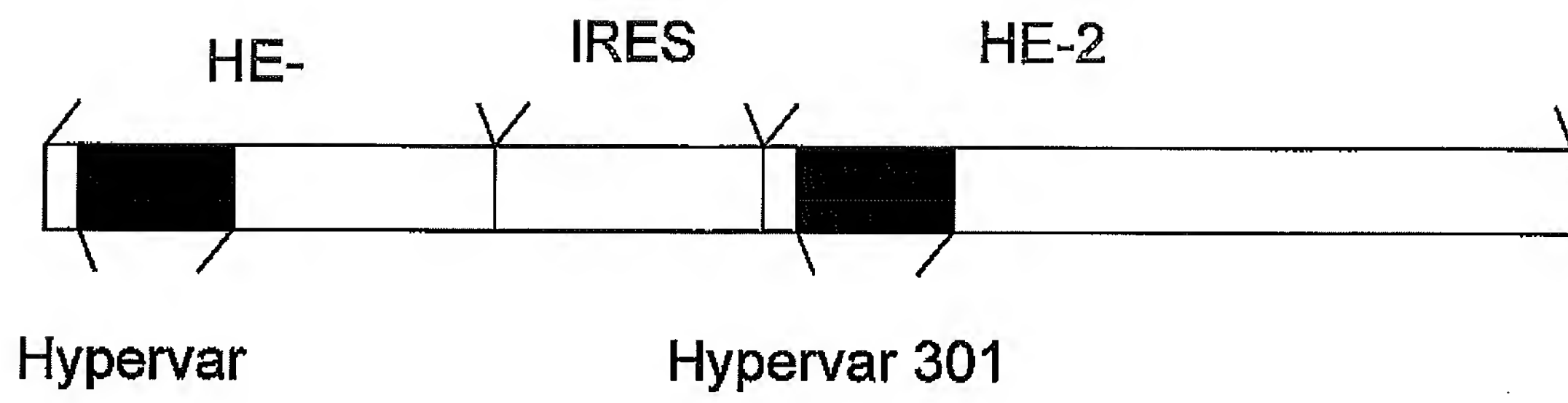


Figure 5

MEWSRVFIFLLSVTAGVHSQVQLQQSGAELVRPGTSVKVSCKASGYAFTNYLIEWVK
QRPGQGLEWIGVINPGSGGTNYNEKFKGKATLTADKSSSTAYMQLSSLTSDDSAVYF
CARDGPWFAYWGQGTLVTVSAAKTTAPSVYPLAPVCGDTTGSSVTLGCLVKGYFPE
PVTLTWNSGSLSSGVHTFPAVLQSDLYTLSSSVTVTSSTWPSQSITCNVAHPASSTKV
DKKIEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMI SLSPIVTCVWVDVSEDD
PDVQISWVFNNEVHTAQTQTHREDYNSTLRVVSALPIQHQQDWMSGKEFKCKVNNK
DLPAPIERTISKPKGSVRAPQVYVLPPPEEEMTKKQVTLTCMVTD FMPEDIYVEWTNN
GKTELNYKNTEPVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVWHEGLHNHHTTKS
FSRTPGK (SEQ ID No2)

Figure 6

MHQTSMGIKMESQTLVFISILLWLYGADGNIVMTQSPKSMSMSVGERVTLTCKASENV
VTYVSWYQQKPEQSPKLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLADYH
CGQGYSYPYTFGGGTKLEIKRADAAPT VSI FPPSSEQLTSGGASVVCFLNNFY PKDIN
VKWKIDG SERQNGVLNSWTDQDSKDSTYSMSSTLT LTKDEYERHNSYTCEATHKTS
TSPIVKSFNRNEC (SEQ ID No3)

Figure 7

MHQTSMGIKMESQTLVFISILLWLYGADGNIVMTQSPKSMSMSVGERVTLTCKASENV
VTYVSWYQQKPEQSPKLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLADYH
CGQGYSYPYTFGGGTKLEIRRADAAPT VSI FPPSSEQLTSGGASVVCFLNNFY PKDIN
VKWKIDG SERQNGVLNSWTDQDSKDSTYSMSSTLT LTKDEYERHNSYTCEATHKTS
TSPIVKSFNRNEC (SEQ ID No4)

Figure 8

MHQTSMGIRMESQTLVFISILLWLYGADGNIVMTQSPRSMMSVGERVTLTCRASEN
 WTYVSWYQQRPEQSPRLLIYGASNRYTGVPDRFTGSGSATDFTLTISSVQAEDLAD
 YHCGQGYSYPYTFGGGTRLEIRRADAAPTVSIFPPSSEQLTSGGASVVCFLNMFYPKD
 INVKWKIDGSERQNGVLNSWTDQDSKDYSTYSMSSTLTLTKEDEYERHNSYTCEATHKT
 STSPIVKSFNRECE (SEQ ID No5)

Figure 9

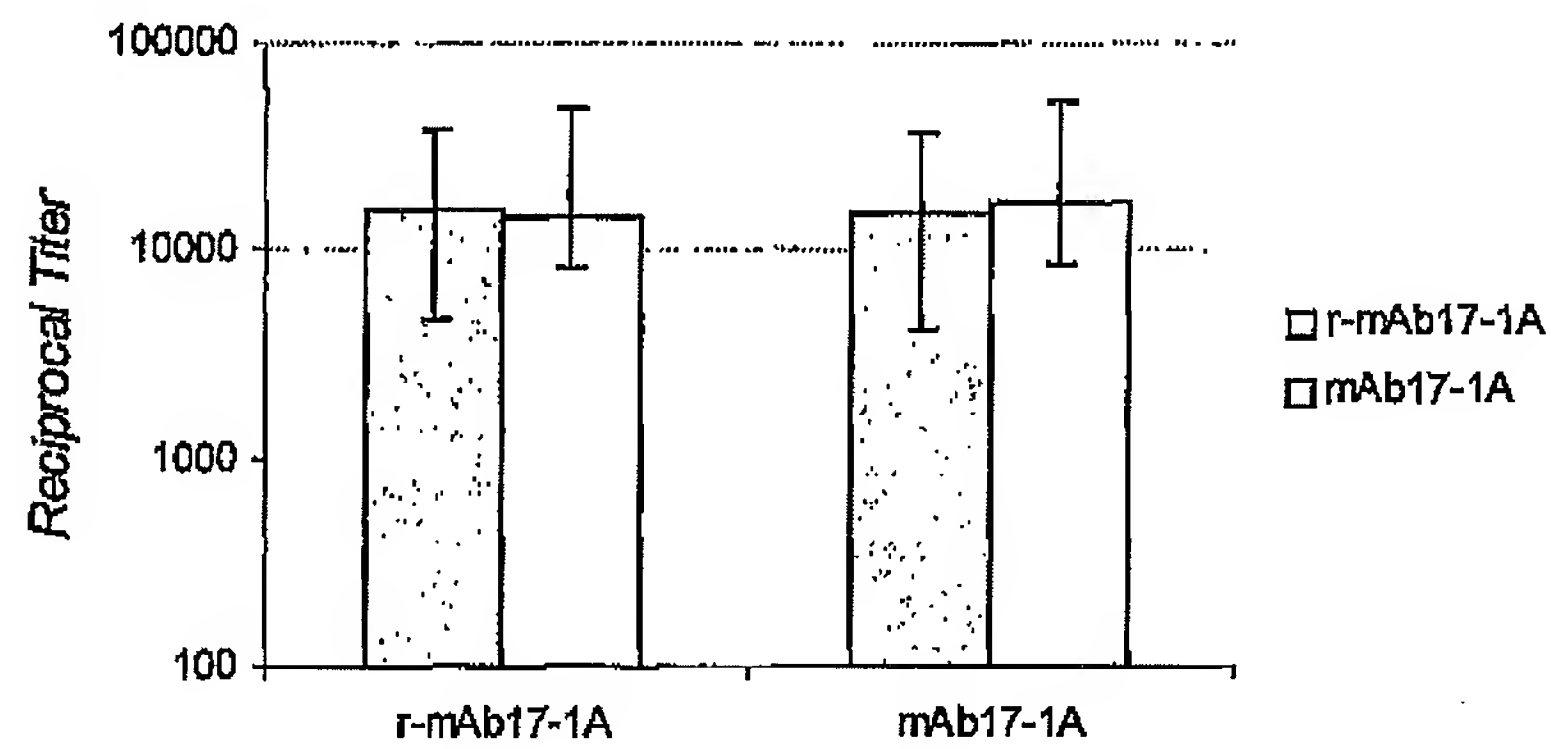


Figure 10